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DR HOYT L EDGE
BOX 142
ROLLINS COLL

ROLLINS COLLEGE

WINTER TERM 1972

DIRECTED STUDIES AND INDEPENDENT STUDIES

ROLLINS COLLEGE

DIRECTED STUDIES AND INDEPENDENT STUDIES

Winter Term 1972

ART

Miss Hallie Lu Hallam

Title: Themes in Art: Landscape (DS) 194, 394

This study will attempt to cut across countries and traditional art styles and periods to illustrate the use of landscape scenes in painting. The class will trace landscape from its first entrance into painting and will concentrate on its culmination in the landscape schools of Holland, France and America.

Open to all Students

Mr. Ronald Larned

Title: Ceramics (DS) 196

Winter term ceramics will be a directed study course involved in exploring a new medium with students who have an academic/personal leaning towards the arts. Course work will include notebooks due once a week; producing forms with various hand building and forming; throwing on the wheel; doing glaze research, testing and glaze application techniques. It should be noted that though there is much to be learned in simple mechanical techniques, much of the work will be involved with three dimensional design and theory of form, both traditional and contemporary. For many of the students, this course will be their introduction to three dimensional design, which will be heavily emphasized.

Open to freshmen and sophomores

Mr. Thomas Peterson

Title: Art of the Film (DS) 197, 397

This course is offered in response to the interest expressed by a group of students in gaining a more comprehensive understanding of the film as a contemporary art form. A film literature has developed in recent years that makes this goal a feasible one for a college group. It is possible now for a class to approach the film historically, critically and technically, and even to experiment successfully with film-making. This directed study group will attempt a comprehensive approach of this kind - by utilizing the available literature, plus the experience of several interested faculty and the considerable knowledge of certain students.

Open to all students with the consent of the Instructor

Mr. Ronald Thompson

Title: The Art of Italy (DS) 298, 398 (off-campus Directed Study)

Twenty-seven days in Italy studying the architecture, sculpter and painting in the major art museums of Rome, Florence, Venice and Milan. The course will consist of guided lecture tours of the four cities. Art included will be Roman, Early Christian, Renaissance and Baroque.

Open to all students with consent of the faculty leader following approval procedures outlined in the Winter Term Guidelines. Approx. Fee: \$547.00.

Art Department Staff

Independent Study for seniors (juniors with consent) as approved by the department. 399, 499.

BEHAVIORAL SCIENCE

Dr. Arthur Jones

Title: Study of Cultural Values and Propaganda Through Film (DS) 192

This course is group oriented and will be organized around content from viewing films used by agencies (national defense, industry, etc.) to justify their programs. The films are important sources of cultural values to which various audiences are propagandized. Basic reading will be utilized to maintain continuity and to provide greater depth to class discussions of issues derived from the films.

Open to freshmen with consent of instructor

Dr. John Weiss

Title: The Liberated Woman (DS or IS) 193, 393

An intense involvement in the writings of major women's liberation authors will be used to provide the basis for understanding the role of women in our sexist society. Related issues such as "gay" liberation and men's liberation will be discussed as they bear upon the problem of sex-role typing in contemporary America.

Open to all students with consent of instructor

Mr. McLeod, Dr. Upson

Title: Behavioral Science Field Course in Cross Cultural Studies
(off-campus DS or IS) 198, 398

This course offers a laboratory which enables the student to gather data and make observations on a culture other than his own, as well as benefit from the experience gained from living with people of a different culture. It will allow direct observation of social processes so often discussed in behavioral science courses but which are so difficult to observe in our own culture. The study will be conducted in a semi-private setting on Andros Island in the Bahamas.

Open to all students with consent of the faculty leaders following approval procedures outlined in the Winter Term Guidelines. Approx. Fee: \$350.00.

Dr. Roger Ray

Title: Directed Study in Research Application (DS or IS) 395

This course offers in-depth exposure to professional psychologists' activities, particularly as they relate to theory, research, and professional exchange. Laboratory development and maintenance as it relates to research design and activities is stressed, and professional level research participation is a major portion of the course experience. Professional exchange is fostered by discussion with research project directors at other nearby institutions. Major professional and pre-professional experiences are developed by prolonged exposure and involvement rather than short-term visits and demonstrations. Such exposures are typically precluded by scheduling problems and time commitments during other terms.

Open to sophomores, juniors and seniors with consent of instructor

Dr. Carol Burnett

Title: Field Experience in Psychopathology (DS) 396

This course is designed to broaden the student's experience and knowledge of psychopathology. Students will work on psychiatric wards, in schools and hospitals for the retarded, and in training institutions for various kinds of difficulty.

Open to juniors and seniors with consent of instructor

BIOLOGYDr. Paul VestalTitle: From Origin to Organism (DS) 192, 292

Experimental evidence concerned with the origin of life, the structure and function of the cell, and the combining of cells into multicellular organisms.

Open to freshmen and sophomores. No prerequisite

Dr. Carl SandstromTitle: Biology of Reproduction (DS) 193, 293

The basic concepts and principles of reproduction of organisms from a biological point of view.

Open to freshmen and sophomores with consent of instructor

Dr. Francis ByersTitle: Parasitology (DS) 194, 294

The principles of parasitology with emphasis on animal parasites and human disease.

Open to freshmen and sophomores. No prerequisite

Dr. Louise RaceyTitle: Cellular Development and Morphogenesis (DS) 360

An introduction to cellular structure and function. Emphasis includes descriptive and experimental approaches to the time-related phenomena of division, growth, differentiation, and morphogenesis.

Open to sophomores and juniors with consent of instructor

Dr. David Richard and Dr. David SmithTitle: Marine Biology (DS or IS) 394 (off-campus)

An introduction to life in the sea. Directed and independent field-oriented studies in the systematics, ecology, physiology, biogeographic patterns and behavior of marine plankton, benthos, and nekton. Emphasis on representative field areas in the Caribbean.

Open to juniors and seniors with consent of the faculty leaders following approval procedures outlined in the Winter Term Guidelines. Approx. fee: \$600.00.

Mr. Edward Scheer

Title: Geology (DS) 294

The evolution of Earth structures, environments, and resources is emphasized and related to man's use of the Earth.

Open to freshmen, sophomores, and juniors with consent of instructor

CHEMISTRY

Dr. Erich Blossey

Title: Photography - The Science and Art (DS) 196, 296

The course will be primarily concerned with the elementary relationships of science to photographic art. Application will be made of basic chemistry and physics to the theory and operations of photography. The topics will include: film (manufacture and type), film processing (developers, fixers, stops, etc.), lens and optics, light measurement, filters, and color processes. No previous experience in photography is required.

The theoretical aspects will be covered by lecture and discussion sessions. Students will have the opportunity to explore the practical application of the subject. Each student will be required to have access to a still camera.

Open to freshmen, sophomores, juniors

Dr. Thomas Halgren

Title: Mind Over Matter: The Unfinished Triumph (DS) 197, 297

The development and role of conceptual ideas in science will be studied, beginning with Albert Einstein's compelling (and nonmathematical) account of mankind's struggle to comprehend through inventive thought its own relationship to the external world. In the light of this broad perspective, specific topics touching on the evolution, nature, limitations, and philosophical impact of scientific thought and concepts, and chosen to reflect the interests of participants, will then be taken up.

Scientific background is not presumed, and the subject - an intensely human one - may be approached from either a scientific or a philosophical perspective.

Open to freshmen and sophomores

Dr. Herbert Hellwege

Title: Cleaning Our Environment: The Chemical Basis For Action. (DS) 199,299

A study of chemical pollutants of the environment and of the current status of the science and technology of environmental improvement. Discussion of methods for detecting pollutants and of methods for preventing and controlling the emission and distribution of materials harmful to the environment. No previous experience in chemistry is required.

Group studies of pollution problems in the Central Florida area.

Open to freshmen, sophomores, and juniors. No prerequisite

Staff of Chemistry and Physics Departments.

Title: Instrumental Techniques (IS) 399

Independent study of principles and practices of modern physical instrumentation used in scientific investigation such as nuclear magnetic resonance, emission spectroscopy, infrared spectroscopy, ultraviolet spectroscopy, chromatography, polarimetry, atomic absorption spectroscopy, x-ray diffraction, differential thermal analysis, activation analysis and multi-channel analyzer, and others.

Open to juniors and seniors with consent of the instructor

ECONOMICS

Mr. Wayne Hales

Title: The Economic Problems of Technology and Increasing Abundance in the United States. (DS) 192

The course will explore the economic problems expositied by contemporary popular critics such as Paul Erlich and Charles Reich and, with the aid of the tools of elementary economic analysis, evaluate the ability of the American economic system to provide satisfactory solutions. Other critics that would be specially analyzed would include Veblen on the "technocrats", Galbraith on economic power, Theobald on income inequality, and, hopefully, the New Left on exploitation.

The course will be designed for freshmen and sophomores and will use some of the books freshmen are using in their foundation courses.

Open to freshmen and sophomores

Dr. Charles Jorgensen

Title: Selected Topics in Economic History of Florida (DS) 193,393

Each participating student will select an area of economic interest related to the development of the State of Florida. Topics may include specific industries, land development, ecological problems, pioneer settlement, state regulation of business, state economic policy, or other related aspects. Each student will research and write a paper on his chosen subject.

Open to all students with consent of instructor

Dr. Edward Danowitz

Title: Foundations of the Soviet Economic Structure. (DS) 195,395

A study of the national economic assets, planning, production, financial management in the Soviet Union. Course objective: Provide opportunity for directed study in the fundamentals and principles of the Soviet economic system. Study available to majors in Economics and History (Russian). Individual research will be directed in areas of student interest, results to be reciprocally shared with all participating students and conclusions consolidated into a refined study.

Open to all students with consent of instructor

Mr. William Legg

Title: Current Economic Conditions and Policy. (DS) 291

This course is designed to give the student up-to-date knowledge of today's economic problems, the solutions being implemented to solve those problems, and the theory behind the proposed solutions. The student will be expected to study, in details, current policies of specific interest to him. The results of his research will be presented in both written and oral form.

Open to Economics Majors or with consent of instructor

Mr. Ross Evans

Title: Investments. (DS) 308

A course in theory and practice of making investments. This includes a study of the various instruments of investments, the selection of the investment to accomplish the objective of the individual, the function of the market, and the better understanding of the capitalistic economy. Course will include classroom discussion and lectures, and directed research paper.

Open to sophomores, juniors, and seniors

Dr. R. B. Smith

Title: Development Economics. (DS) 391

The economic factors and problems important to developing regions and countries. National and international aspects of economic development.

Open to juniors. Limited.

Dr. Donald Hill

Title: The Democratic Economy. (DS) 393

A study of the economic system of the United States and the major standards influencing its operation and effectiveness.

Areas of analysis include government controls and the political system, the concentration of economic power, and the role of individual freedom of choice.

Open to sophomores and above who are Economics Majors; non-majors with consent of instructor. Limited.

Dr. Charles Welsh

Title: Topics in Theoretical and Applied Economics. (IS) 499

Independent Study for Seniors.

Open to seniors with consent of instructor.

EDUCATION

Mr. Nelson Glass

Title: Directed Observation and Participation in Elementary and Secondary Classroom Activities. (DS) 291.

This course is designed to provide students the opportunity for daily observation and active participation in the work of the classroom teacher. Weekly seminars are scheduled under the direction of staff members to direct the activities of the students.

Open to sophomores, juniors and seniors with consent of instructor
Prerequisite: ED 271 and/or 272.

Mrs. Jane Rivell

Title: Art for Elementary Schools. (DS) 365

Fundamental concepts of color and design and the process of teaching art in the elementary grades.

Open to juniors and seniors with consent of instructor
Prerequisite: ED 271,272.

Education Department Staff

Independent Study as approved by the department.

Open to seniors (juniors with consent)

ENGLISH

Dr. John Hamilton

Title: Robert Frost (DS) 190, 390

The objects of the directed study are: (1) both to initiate and develop interest, in appropriate depth, in a major American poet, and (2) to allow maximum flexibility of interest from ideas to method, from historical to critical evaluation, from preparation for further study to a culmination of prior study, and from general understanding to specialized aspects. The course assumes basic knowledge of the methods and forms of poetry. The object in admitting all college levels is to encourage both self-directed learning as well as from diversified opinions and backgrounds. A third object of the course is to provide evidence that poetry in general and Frost's in particular can give both pleasure and useful knowledge about the whole self: emotional, intellectual, and spiritual.

Open to all students

Mrs. Leah Koontz

Title: Hemingway (DS) 191,391

A study of the work of Ernest Hemingway, including short stories, novels, and non-fiction by Hemingway, as well as biographical and critical material. Emphasis will be on the "Nick Adams" story, various philosophical approaches to his work, and the writer as an artist.

Open to all students

Mr. Alan Nordstrom

Title: The Speculative Imagination: Charting Alternative Futures. (DS) 192

Out of this program will come a manuscript to be entitled: Our Freshmen Won't Be Fifty in the Year 2000, to which each member of the course will contribute one chapter. The book will be an anthology of speculative predictions, fictions, and fantasies launched from a platform of inquiry by professional futurists (Bell, Kahn, Theobald, Toffler, Weiner, et al.) and propelled by the imaginative fuels of S-F (Science/Speculative-Fiction/Fantasy). After taking this course, participants will not be the same people they were before.

Open to freshmen and sophomores who are current participants in HFC 101, with consent of instructor. Limited.

Mr. Marion Folsom

Title: Enjoyment of Poetry: An appreciation of Creativity. (DS) 195,395

The seminar aims at an appreciation of the poetic experience as evidenced in poetry written in English. No previous knowledge of poetry is necessary. Various principles common to all poetry -- intensity, concreteness, rhythm, form, etc., will be studied. Considerable attention will be given to oral appeal, with examples from recordings and occasional in-class readings. In an effort to encompass a representative body of poems, lyrical, narrative, satirical, humorous, and symbolical works will be analyzed. Similarly, perennial themes -- nature, art, death, individualism, heroism, protest, or poetry in relation to other art media -- from various periods will be examined. Part of the sessions will be devoted to works of contemporary poets seen against the readings and discussions of principles and themes. The paper emerging from the seminar would cover a particular principle or theme or subject of a poet's work or a collection of original poems written during the term can be submitted.

Open to all students except senior English majors.

Dr. Steve Phelan

Title: Sexism and Racism: From Myths of Creation to Modern Narrative. (DS) 292

The unifying concept of this directed study is Otherness (an awareness of the non-self). The material for the course will be the narrative as cultural conditioner. The challenge to the student will be to define an area of literary interest, find appropriate materials, and produce some evidence of sexism and/or racism. He may study the creation myths of the Northwest American Indians or Jews and Moslems in medieval narratives or the case for or against D. H. Lawrence. Hopefully, a variety of interests among the students will produce an interesting panorama of the phenomenon of human rejection of Otherness as almost biologically recessive.

Open to freshmen, sophomores and juniors.

Dr. Philip Pastore

Title: The Anti-ideological Novel. (DS) 293,393

This course will attempt to demonstrate how 20th-century attitudes which deny earlier ideological "constructs" as a basis for living a meaningful life manifest themselves in the works of certain novelists. The challenge to earlier beliefs in rationalism, in principles as a basis for conduct, the ideal of a universal order, and certain large conceptual patterns within a social-political context (i.e., war as hot diplomacy, "democracy," psychology of adjustment, etc.) as means for ordering one's life, and an insistence upon the primacy of experience as the only viable means of formulating judgements is the basic ground for the "conflict". The different literary techniques by which the authors bring to light the conflict and its resolution (if any) will furnish the particulars of the course. Novels: Catch 22, Heller; One Flew Over the Cuckoo's Nest, Kesey; Cat's Cradle, Vonnegut; End of the Road, Barth.

Open to sophomores, juniors, seniors (freshmen, with consent of instructor)

Mr. Wilbur Dorsett

Title: Comedy and Tragedy (DS) 295

A directed study to examine comedy in world drama as it manifests the relation of man to his society and to examine tragedy in world drama as it manifests man's relation to his destiny. Each student will analyze in a research paper a selected playwright's contribution to one of these manifestations.

Open to freshmen, sophomores, juniors.

Mr. Cary D. Ser

Title: The Works of Charles Dickens (DS) 394

This directed study will attempt to grasp the essence of Charles Dickens' literary technique. Each student will be required to do an extensively developed study of some aspect of Dickens which will necessitate the reading of at least three works of Dickens other than those required of the class as a whole. Unity of approach will be effected by using some Dickens handbook, as well as by the class discussions of the all-class required reading.

Open to sophomores and juniors

Mr. Charles Mendell

Title: Studies in the English Novel (DS) 396

This is a seminar in which each student has a great deal of freedom to pursue his own interest in the English novel. He may choose a theme or feature prominent in the works of one novelist, or a theme or feature that is handled by several novelists. Subjects may be chosen from a wide range:

Social and Historical
Moral and Philosophical

Individual and Psychological
Literary and Aesthetic

Each student will present the results of his in-depth study in a paper. Novelists from which choices may be made: Hardy, Meredith, Trollope, Brontes, Thackeray, Dickens, Scott, Austen, Sterne, Smollett, Fielding.

Open to juniors and seniors. (Sophomores with consent of instructor)

Mrs. Ada Haylor

Title: Afro-American Literature of the Twentieth Century (DS) 397

This directed study will give special attention to the writers of the Harlem Renaissance as background for the study of Richard Wright and his successors. After a general overview of the literature, the object of the Directed Studies will be to become involved, as one of a company of learners, in the understanding of and critical appreciation of the Afro-American's contribution to American Literature. Emphasis will fall on careful examination of a single author, a particular genre, or a significant theme rather than on a more extensive and hence somewhat superficial consideration of a larger field.

Implicit in this study will be the developing of individual study techniques in critical reading which should lead toward independent, logical thinking. This in turn should result in improvement of both composition and oral presentation by fostering habits of logical, clear, accurate, efficient, artistic expression so that a specific thesis can be stated and supported effectively through careful use of primary works.

Open to sophomores, juniors and seniors. Each student will present the results of his in-depth study in a paper. Novelists from which choices may be made: Hardy, Meredith, Trollope, Brontes, Thackeray, Dickens, Scott, Austen, Sterne, Smollett, Fielding.

English Department Staff

Open to juniors and seniors. (Sophomores with consent of instructor)
Independent Study as Approved by the department

Open to seniors (juniors with consent)

Title: Afro-American Literature of the Twentieth Century (DS) 397

This directed study will give special attention to the writers of the Harlem Renaissance as background for the study of Richard Wright and his successors. After a general overview of the literature, the object of the Directed Studies will be to become involved, as one of a company of learners, in the understanding of and critical appreciation of the Afro-American's contribution to American Literature. Emphasis will fall on careful examination of a single author, a particular genre, or a significant theme rather than on a more extensive and hence somewhat superficial consideration of a larger field.

FOREIGN LANGUAGESMiss Patricia LancasterTitle: Intermediate French (Martinique) (off-campus DS) 201

An intensive course including reading, writing, speaking, grammar review, and an opportunity for live conversation practice with native French in Fort-de-France, Martinique.

Open to all students, following procedures outlined in the Winter Term Guidelines. Prerequisite French 102 or equivalent.

Dr. Elinor MillerTitle: Composition and Conversation (Martinique) (off-campus DS) 321

This requirement for French Majors may be taken in Fort-de-France, Martinique. It is intended for the student who has completed 201, but is not ready for Independent Study. The class will be conducted entirely in French, and the students will write compositions in French based on their experiences in Martinique. Focus on improved conversational fluency and also on written accuracy.

Open to all students with consent of the faculty leader and following approval procedures outlined in the Winter Term Guidelines.

Dr. Lynn TerrettTitle: Nineteenth Century French Romantic Poets (DS) 391

A concentrated study of the major French poets of the romantic period. Topics will deal with various aspects of literary interest and will offer the study of romantic poetry from several approaches. The historical and cultural milieu will provide the background which will lead to an in-depth critical analysis of the poetry of the period.

Open to sophomores and juniors

Dr. Elinor MillerTitle: French Independent Study (Martinique) (off-campus IS) 399,499

Topics in Martinique literature and culture, a different topic for each student, researched while in Martinique and, in so far as possible, written up before leaving. (Final typing is usually done after return, owing to the lack of available typewriters). Papers are written in French, and should not duplicate studies done in previous years.

Open to sophomores, juniors and seniors with consent of the leader and following approval procedures outlined in the Winter Term Guidelines.

Dr. Lynn Terrett

Title: French Independent Study (IS) 399,499

Open to juniors and seniors with department approval.

Dr. Peter Bonnell

Title: German Literature Independent Study (IS) 399,499

Topics will be selected from German literature of the 19th and 20th centuries.

Open to sophomores, juniors and seniors

Mr. Valys Zilius

Title: Russian, Independent Study (IS) 399,499

Topics in Russian Literature

Open to sophomores, juniors and seniors with consent of instructor

Dr. Bessie Stadt

Title: Intermediate Spanish, Dominican Republic (off-campus DS) 201

The regular course (though much more intensive) of second-year Spanish grammar plus conversation with native speakers. Reading material will be local newspapers and magazines obtained in Santo Domingo.

Open to sophomores, juniors, and seniors, with consent of the faculty leader and following approval procedures as outlined in the Winter Term Guidelines. Approx. fee: \$495.00.

Dr. Frank Sedwick

Title: Independent Study, Literature of Spain. (IS) 399,499

Choice of individual literary topics, all different (no two students to select the same topic).

Open to sophomores, juniors, seniors

Dr. Bessie Stadt

Title: Independent Study in Hispanic American Literature, Dominican Republic,
(off-campus IS) 399, 499

Independent study on a subject related to Hispanic American literature. Each student will have a choice of different literary topics. A scholarly, research paper is required to be submitted by the end of the term. Approx. fee: \$495

GEOLOGYMr. Edward ScheerTitle: Geology (DS) 294

The evolution of Earth structures, environments, and resources is emphasized and related to man's use of the Earth.

Open to freshmen, sophomores and juniors.

HISTORY AND PUBLIC AFFAIRSDr. Barry LevisTitle: Contemporary Britain (DS) 191,291

This directed study will deal with the political, social, economic, and intellectual ferment in modern Britain. Students will prepare original research papers on various aspects of British society which particularly interest them. Freshmen will be encouraged to produce papers examining British national character, or demonstrating the impact of America on British Society and culture.

Open to freshmen, sophomores and juniors

Miss Eleanor Mitchell (Thomas)Title: Comparative Study of Civil Violence (DS) 192,292

Essentially the course will deal with the following questions:

1. Why has civil violence occurred in many nations of the world?
2. Is there a distinguishable pattern, e.g. preconditions as history of violence in the society, subcultures of violence, criminal elements, periods of ferment due to social discontent, etc.?
3. Are there patterns of methods used by those in authority in reaction to civil violence?
4. How is civil (or domestic) violence an influence on, or influenced by the international system?

Open to freshmen, sophomores, and seniors

Dr. Charles Edmondson

Title: Russia Yesterday and Today (off-campus DS) 193,393

A first-hand look at the two major cities of the Soviet Union, Moscow and Leningrad, and an overview of the Russian past and the Soviet Union today. The historical legacy will be observed in the museums, galleries, and noted historical sites. Its artistic achievements and values will be experienced through attendance at a series of performances of opera, music, and ballet. In addition, there will be nine lectures on various aspects of Russian history and Soviet life. Finally, students will be given an opportunity to meet with student groups at the Universities of Moscow and Leningrad.

Open to all students with consent of faculty leader, following approval procedures outlined in the Winter Term Guidelines. Approx. Fee: \$695.00.

Dr. Norman Gilbert

Title: The Politics of the Metropolis (DS) 194, 394

Primary focus will be the Orlando area. This course will include inter-governmental problems, proposed governmental reorganizations; processes and behavior in Metropolitan communities. Specific areas of concern will deal with social and economic structures with particular attention being paid to minority group politics.

Open to all students

Mrs. Henrietta Raymond

Title: Life, Liberty and the Pursuit of Happiness: Changes in the Understanding of these Ideals. (DS) 295

Studies in the contributions of American social critics and reformers to the American tradition. Source readings followed by a paper.

Open to sophomores and juniors

Mr. Lionel Summers

Title: United States and the Far East (DS) 296,396

A study of the relations of the United States with the Far East, particularly China and Japan, based upon historical antecedents and present developments. Two weeks of introductory lectures and study, two weeks of directed research, and one week of discussion.

Open to sophomores, juniors and seniors

Dr. Rhea M. Smith

Title: Europe in the 17th Century and 18th Century (DS) 297, 397

Each student is required to select a topic for intensive research and produce a study of 25 or more pages. The topics will be selected in consultation with the instructor and will be related to the student's principal field of interest.

Open to sophomores, juniors and seniors

Dr. Jack Lane

Title: Independent Study (Senior History Majors) (IS) 499

Research projects growing out of the Senior History-English Departmental Course.

Open to Senior History Majors with consent of instructor

LATIN AMERICAN STUDIES

Dr. Luis Valdes

Title: Latin Americans in the United States: Confrontation of Two Cultures.
(DS) 191,391

A study of the problems and contributions of the Latin Americans in the United States. The main focus will be on Mexican-Americans, Puerto Ricans and Cubans, although the experiences of other Latin Americans will be used to elucidate the process of acculturation. It will serve not only students interested in the role of minorities in our society, but also those interested in the comparative study of the North American and the Latin American cultures. Student reports will range from the study of Chicano Power to the Latin American contribution to music.

Open to all students

MATHEMATICS

Mr. Ralph Naleway

Title: Inductive Methods in Mathematics (DS) 298

This course deals with mathematical discovery through experimentation. Students will be introduced to several topics in number theory and modern algebra. Within the framework of these, students will gather data, formulate hypotheses concerning their findings, test these by gathering further experimental evidence, and draw conclusions. These conclusions will be in the form of theorems or unproven conjectures. The student will be encouraged to search for related results in the mathematical literature. A brief course in BASIC programming will be included so the G.E. terminal can be used for fathering data.

Open to all students with consent of instructor

Dr. Alexandra Skidmore

Title: Oscillation Theory of Ordinary Differential Equations (DS or IS) 398,399

Oscillation theory involves the study of zeros of solutions of linear differential equations. After a brief introduction to the major theorems, the student will study some of the recent results on the second order case and present oral reports to the class.

Open to juniors and seniors

Dr. John Bowers

Title: Independent Study, Mathematics (IS) 399,499

Open to juniors and seniors with consent of instructor

MUSIC

Dr. Ward Woodbury

Title: Choral Workshop (DS) 191,391

A study of selected choral literature through analysis, listening and performance. Student conducting, accompanying, and planning of choral programs will be organized as special projects for music majors; the course is open, however, to all who have an interest in singing.

Open to all students

Mr. John Carter

Title: Mass in B Minor by J. S. Bach (DS) 192,392

A course concerned with the historical, esthetic and musical study of a great work of art. Previous music study not required.

Open to all students

Mr. Alexander Anderson

Title: The Organ Works of J.S. Bach (DS) 193,393

Selected works for organ illustrated by live and recorded performance. Course work will include a background of the history of the organ and its construction. Required listening and written papers.

Open to all students.

Mr. Alphonse Carlo

Title: The Understanding of Music as Sound (DS) 194, 394

An introductory music course for the non-music major intended to help the student get the most out of listening to music. The contents will cover styles of music ranging from Gregorian Chant through the latest contemporary works. Aspects to be concentrated upon will include: Qualities of Sound, Line and Texture, Rhythm and Meter, Linear and Harmonic organization of pitch, Theme and Motive, overall Musical Shape.

Open to all students

Mr. Ross Rosazza

Title: Opera: The Complex Art (DS) 195, 395

The study of opera as an art form, with emphasis upon source materials, drama and staging as well as music. Fee for attendance at off-campus opera performances: \$15.00 or less.

Open to all students

Mr. Thomas Brockman

Title: Impressionism (DS) 332

An exploration of the growth of Impressionism in Music, as related to the French Impressionist school of Painting and the French Symbolist poets. Concentrated listening to the music of Debussy and Ravel.

Open to juniors and seniors

PHILOSOPHY AND RELIGION

Dr. Bruce Wavell

Title: Freshmen Honors Seminar, Philosophy (Intermediate DS/IS) 101

This course is, because it is meant for Honors Candidates, intermediate between a DS and an IS. The students meet together for two days as a group at the beginning of the course, and again at the end to present and discuss their papers, but they choose their own topics and spend most of the time doing independent study.

Open to freshmen Honors Degree candidates

Dr. Hoyt Edge

Title: The Philosophical Implications of Psychical Research (DS) 196,396

For about a century there has been a serious attempt to examine in a scientific way those unusual phenomena which have loosely been grouped under the title of Extra-Sensory Phenomena. Although a fair amount of research has been done in this area, it has not been taken particularly seriously by American philosophers and scientists. We have ignored what seems to be substantial evidence for such abilities as clairvoyance and psychokinesis. This course will examine the philosophical implications of psychical research in general.

Naturally, the first part of the course must be spent in finding out what some of the psychical research is, examining methodology and proposed results. Having achieved some understanding as to what the facts are, we will examine their implications for philosophy. Areas that will have to be discussed are, among others: the concept of time, the nature of matter, the mind-body problem, freedom vs. determinism, the belief in immortality, and "tacit" knowledge. We will not only discuss the material, but we will have a demonstration of psychic ability by guests, test one's own psychic ability in several areas, and perhaps engage in meditation sessions. Neither Astrology nor witchcraft will be studied.

Open to all students with consent of instructor

Mr. Daniel DeNicola

Title: Ethics and Education (DS) 198,398

An examination of selected moral issues as they appear in the context of education. Research reading will be drawn from a variety of sources, including the works of major philosophers of education, contemporary conceptual analyses, educational journal articles, and school documents. During the first two weeks, all members of the course will read Beyond Freedom and Dignity, by B.F. Skinner, and Respect for Persons, by Downie and Telfer, which present opposing views regarding the proper aims and methods of education. Thereafter, students will develop papers for presentation on related issues of their choice, such as: moral aspects of teaching, indoctrination, academic freedom, the teachability of virtue, moral constraints on instruction, etc. The philosophical papers presented should develop, justify, and/or criticize philosophical claims dealing with issues of ethics and education.

Open to sophomores, juniors and seniors (freshmen with consent of instructor)
Suggested prerequisite: Ph 108 (Ethics)

Dr. Arnold Wettstein

Title: New Directions in Religious Thought (DS) 427

An examination of contemporary positions on the following current issues in Protestant, Roman Catholic and Jewish religious thought: the possibility of a "secular religion", the development of a "new morality", the prospects of ecumenical and inter-faith dialogue, birth control, and the relation of church and society.

Prerequisite: One course in Religion

Dr. Bruce Wavell

Title: Senior Independent Study (IS) 499

Selected topics in Philosophy for seniors only. Each major in this course chooses his own topic (with instructor approval). Ordinarily this should be related to the Senior Departmental Seminar, which he took in the Fall Term.

Open to seniors only.

PHYSICS

Dr. Donald Griffin and Dr. John Ross

TITLE: Do Not Fold, Staple or Mutilate: Introduction to Computers (DS) 192,292

We have all experienced a very impersonal greeting from the computer when we enroll in college, receive a telephone bill, or even try to reconcile our bank statements. The age of computers is here. This course is designed so that a student can actually work with these machines which play such an important part in our everyday lives, and in such diverse fields as business, education, the behavioral and social sciences, art, music, science and technology.

The student will study the nature of different types of computers and learn a basic language by which he can communicate with a time-share computer. Each student will carry out a project in which he will use the computer as a problem solving tool in an area of his interest.

Open to all students

Dr. Thomas Halgren

Title: Mind Over Matter: The Unfinished Triumph (DS) 197,297

The development and role of conceptual ideas in science will be studied, beginning with Albert Einstein's compelling and (nonmathematical) account of mankind's struggle to comprehend through inventive thought its own relationship to the external world. In the light of this broad perspective, specific topics touching on the evolution, nature, limitations, and philosophical impact of scientific thought and concepts, and chosen to reflect the interests of participants, will then be taken up.

Scientific background is not presumed, and the subject - an intensely human one - may be approached from either a scientific or a philosophical perspective.

Open to freshmen and sophomores

Dr. Joseph Mulson

Title: Science and Society (DS) 195

In-depth study projects dealing with the contemporary problems of the interaction of science and technology with society. Study problems may include: urban development, the effects of an exploding technology on the quality of life, consumer protection, environmental pollution, transportation. Each student will carry out an individual project and actively participate in classroom sessions. The course is intended for non-science majors.

Open to freshmen and sophomores

Physics Department Staff

Title: Instrumental Techniques (IS) 399

Independent study of principles and practices of modern physical instrumentation used in scientific investigation such as nuclear magnetic resonance, emission spectroscopy, infrared spectroscopy, ultraviolet spectroscopy, chromatography, polarimetry, atomic absorption spectroscopy, x-ray diffraction, differential thermal analysis, activation analysis and multi-channel analyzer, and others.

Open to sophomores, juniors and seniors

THEATRE ARTS AND SPEECHTheatre Arts Staff

Title: Theatre Workshop (DS) 198,298,398

Practical work in the production of plays; or group projects. Make-up, voice, fencing. (At least two terms required of majors)

Open to all students

Mr. David Gawlikowski

Title: Research in Continental Drama of 17th and 18th Centuries (DS) 195,295

The Publication of Modern Language notes research facilities and procedures are used for the investigation of the life and works of Moliere, Racine, Corneille, and others.

Open to all students

Dr. Robert Juergens

Title: Theatre and Lively Arts in London (off-campus DS) 197,297

Observe the London theatre scene, including attendance at at least fourteen productions, a chance to observe London theatre schools, and talk with leading English figures from all aspects of theatre production.

Open to all students with consent of the faculty leader, following procedures outlined in the Winter Term Guidelines. Approx. Fee: \$515.00 (from N.Y.)

Dr. Charles Rodgers

Title: Oral Interpretation of Literature (DS) 303

Oral re-creation of literature for an audience, and principles and practice in comprehension, appreciation and skill in projecting literary material of various kinds.

Open to all students

Theatre Arts Staff

Independent Study as approved by Department.

Open to sophomores, juniors and seniors

INTERDISCIPLINARY DIRECTED STUDY IN HUMANITIES.

Miss Patricia Lancaster and Dr. William Gallo

Title: The Devil, The Divinity and the Black Death: The Medieval World (DS)
HU192

An approach to the medieval world through an in-depth examination of a single aspect of the cultural, social, or religious life of the Middle Ages. A sample list of areas in which the study may be undertaken will be provided at the beginning of the term. Within these broad guidelines the student will be encouraged to formulate a specific project which reflects his own interest (i.e., philosophy, religion, fine arts, history, etc.) as it relates to the Middle Ages. Sample project areas may include:

- Medieval Mystics
- Religious Philosophy of St. Augustine
- Witchcraft
- Epic Poetry (including possible performance)
- Liturgical Drama (including possible performance)
- Troubadour Ballads (including possible performance)
- Eleanor of Aquitaine
- Courtly Love and Chivalry
- Cathedral Architecture
- Symbolism in Stained Glass
- Thomas Aquinas (Rationalism and Religion)
- Peter Abelard
- Alchemy
- Medieval Universities.

Open to all students